

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

August 8, 2005

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

FROM: Dana Dean, P.E., Senior Reclamation Hydrologist

RE: Revised Water Monitoring Table, Canyon Fuel Company, LLC, Skyline Mine, C/007/0005, Task ID #2284

SUMMARY:

Canyon Fuel Company submitted some typographical corrections to the water-monitoring plan at Skyline Mine on July 5, 2005. The changes are minor corrections to the approved plan, and do not represent substantive changes to the program.

The Division should incorporate the changes should be incorporated into the MRP.

The Division does not need to update the Master TA.

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TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Groundwater Monitoring

The Permittee has met the requirements of R645-301-731.211 and 212 by including a ground-water monitoring plan based upon the PHC determination and the analysis of all baseline hydrologic, geologic, and other information in the permit application (Section 2.3.7 of the MRP). The plan provides for the monitoring of parameters that relate to the suitability of the ground water for current and approved postmining land uses, and to the objectives for protection of the hydrologic balance. The Permittee outlines the quantity and quality parameters they will monitor, the sampling frequency, and site locations on Tables 2.3.7-1, 2.3.7-2, and 2.3.7-2A. This amendment corrected typographical errors in Table 2.3.7-1.

Surface Water Monitoring

The Permittee has met the requirements of R645-301-731.221, 222, and 223 by including a surface-water monitoring plan based upon the PHC determination required under R645-301-728 and the analysis of all baseline hydrologic, geologic and other information in the permit application (Section 2.4.4 of the MRP). The plan provides for the monitoring of parameters that relate to the suitability of the surface water for current and approved postmining land uses, and to the objectives for protection of the hydrologic balance, as well as the effluent limitations found in R645-301-751. The plan identifies the surface water quantity and quality parameters to be monitored, sampling frequency and site locations on Tables 2.3.7-1 through 2.3.7-2A. This amendment corrected typographical errors in Table 2.3.7-1.

Findings:

The Permittee has met the minimum requirements of the Operation Plan: Hydrologic Information sections of the Regulations.

RECOMMENDATIONS:

The Division should approve this amendment and incorporate the corrected pages into the MRP.

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